

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

1. (Currently amended) A ~~hydrocarbon synthesis~~ Fischer-Tropsch process comprising ~~the conversion of~~ converting a feed of H₂ and at least one carbon oxide to hydrocarbons containing at least 30% on a mass basis hydrocarbons with five or more carbon atoms (hereinafter referred to as C₅₊ compounds); the conversion being carried out in the presence of an alkali metal promoted iron ~~hydrocarbon synthesis~~ Fischer-Tropsch catalyst and an acidic catalyst suitable for converting hydrocarbons; ~~and the process being characterised therein that the, wherein a~~ reaction mixture formed during the conversion contains less than 0.02 mol alkali metal per 100g iron and ~~[[that]]~~ the H₂ : carbon oxide molar ratio in the feed of H₂ and carbon oxide is at least 2.
2. (Currently amended) The process of claim 1 wherein the ~~synthesised~~ hydrocarbons obtained contain at least 40% on a mass basis of hydrocarbons with five or more carbon atoms C₅₊ compounds.
3. (Currently amended) The process of either one of claims 1 or 2 wherein the ~~hydrocarbon synthesis process comprises~~ is a high temperature Fischer-Tropsch process.
4. (Currently amended) The process of ~~any one of the preceding~~ claim 1 wherein the at least one carbon oxide ~~in the syngas comprises~~ is CO.
5. (Cancelled).
6. (Currently amended) The process of claim ~~[[5]]~~ 1 wherein the promoter comprises potassium or sodium oxide.

7. (Currently amended) The process of ~~any one of the preceding claims~~ claim 1 wherein the acidic catalyst comprises a zeolite.

8. (Original) The process of claim 7 wherein the zeolite comprises a HZSM-5 zeolite.

9. (Currently amended) The process of ~~any one of the preceding claims~~ claim 1 wherein the ~~hydrocarbon synthesis~~ Fischer-Tropsch catalyst and the acidic catalyst are contained on separate particles.

10. (Currently amended) Hydrocarbons produced by the process of ~~any one of claims~~ claim 1 ~~[[to 9]]~~.

11. (Cancelled).